

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-328
Relating to Certification of New Motor Vehicle Engines

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following General Motors Corporation 1985 model-year diesel engines have shown compliance with the optional transient standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FGM0552FWG2	552 (9.0)	Aftercooler Throttle Delay (Turbocharged) (Diesel Injection - Direct)

Engine models and codes are listed on attachments.

The following are the certification emission values for these engine families:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
FGM0552FWG2	0.9	3.6	4.3

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California this 22nd day of December, 1984.



K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINESManufacturer GENERAL MOTORS CORPORATIONEngine Family FGM0552FWG2 CID (Liter)-Type 552 (9.0) - V6ECS (Special Features) Throttle Delay or Fuel Modulator, Aftercooler, MFI (DID), TC

Engine Model (Engine Code)	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm ³ /stroke	Label Ident.
6V-92TA	NA	7G65/7S65 GMC 5229895/5226170	232@2100	71.7	8927211
		7G70/7S70 GMC 5229900/5226155	253@2100	77.1	
		7G75/7S75 GMC 5229905/5226145	271@2100	81.9	
		9E65/9S65 GMC 5229970/5226165	240@2100	71.9	
		9E70/9S70 GMC 5229975/5226135	260@2100	77.0	
		9F80/9S80 GMC 5226080/5226515	270@2100	78.5	
		9F85 GMC 5226085	330@2100	88.2	
		9F90 GMC 5226090	340@2100	93.2	
		9F90 CP GMC 5226090	300@2100	80.9	

ISSUED: 12-04-84

REVISED:

0701P/17P